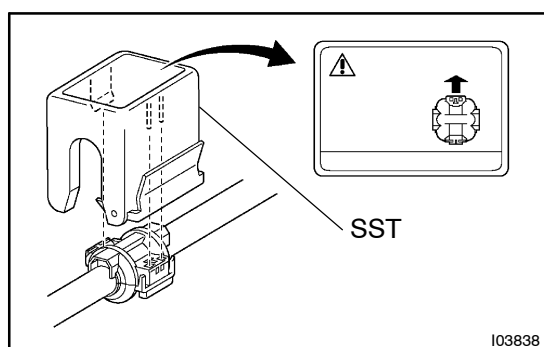


OVERHAUL

HINT:

COMPONENTS: [See page 55-87](#)

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM
SST 07110-58060, 07117-58080, 07117-58090, 07117-78050, 07117-88060, 07117-88070, 07117-88080)
2. REMOVE REAR NO.2 SEAT BELT ASSY INNER LH
3. REMOVE REAR NO.2 SEAT BELT ASSY INNER RH
4. REMOVE REAR No.2 SEAT ASSEMBLY RH (50/50 SPLIT SEAT TYPE)
5. REMOVE REAR No.2 SEAT ASSEMBLY RH (TUMBLE AND DETACHABLE SEPARATE TYPE SEAT)
6. REMOVE REAR DOOR SCUFF PLATE RH
([See page 76-23](#))
7. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH
([See page 76-23](#))
8. REMOVE BACK DOOR WEATHERSTRIP
([See page 76-23](#))
9. REMOVE TONNEAU COVER ASSY
([See page 76-23](#))
10. REMOVE LUGGAGE ROOM BOX LID
([See page 76-23](#))
11. REMOVE BACK DOOR SCUFF PLATE
([See page 76-23](#))
12. REMOVE DECK TRIM SIDE PANEL ASSY RH
([See page 76-23](#))

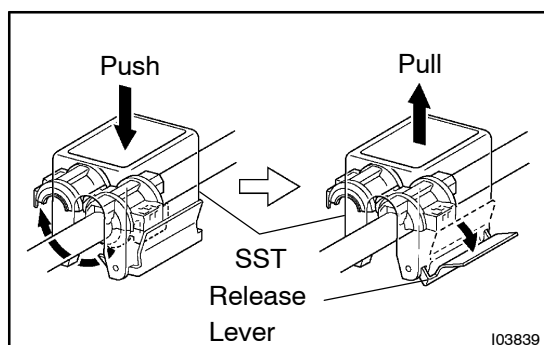


13. SEPARATE PIPE COOLER REFRIGERANT SUCTION B

- (a) Install SST to piping clamp.
SST 09870-00015

HINT:

Confirm the direction of the piping clamp claw and SST using the illustration showing on the caution label.

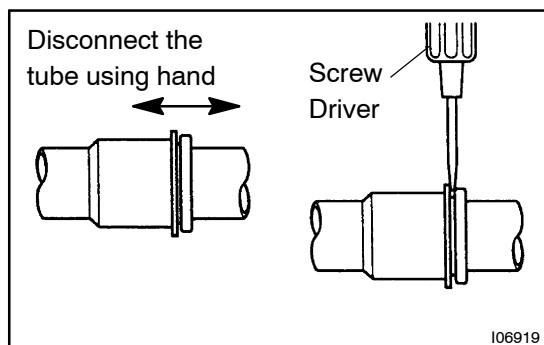


- (b) Push down SST and release the clamp lock.

NOTICE:

Be careful not to deform the tube, when pushing SST.

- (c) Pull SST slightly and push the release lever, then remove the piping clamp with SST.



(d) Disconnect the pipe cooler refrigerant suction B.

NOTICE:

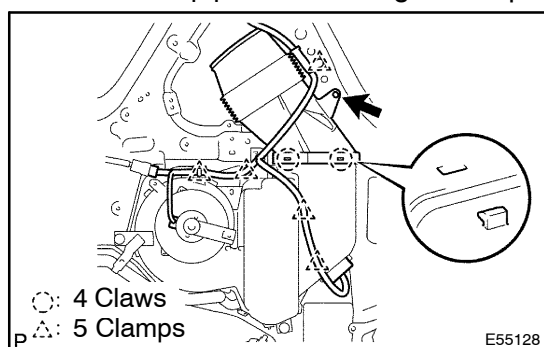
- Do not use tools like screwdriver to remove the tube.
- Cap the open fittings immediately to keep moisture or dirt out of the system.

14. SEPARATE A PIPE COOLER REFRIGERANT LIQUID

SST 09870-00025

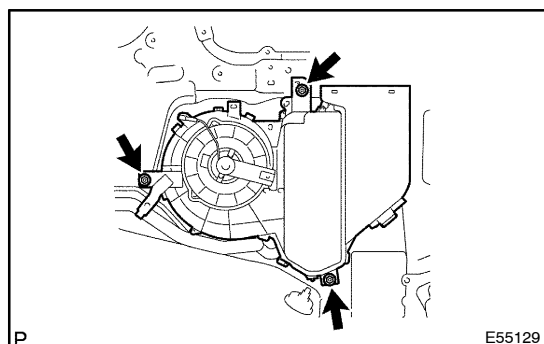
HINT:

Disconnect A pipe cooler refrigerant liquid in the same way as the pipe cooler refrigerant suction B.



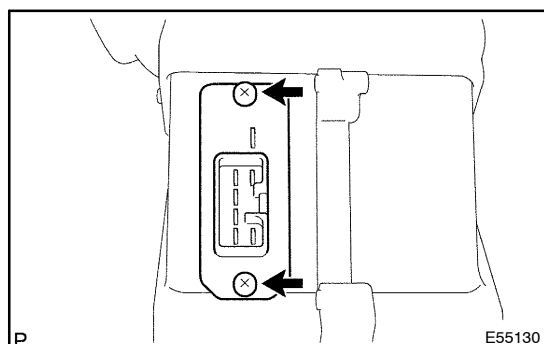
15. REMOVE COOLER AIR DUCT NO.1

- Disconnect the connector and 5 clamps.
- Release the 4 claw fittings, remove the bolt (or clip) and cooler air duct No. 1.



16. REMOVE COOLING (REAR) UNIT ASSY

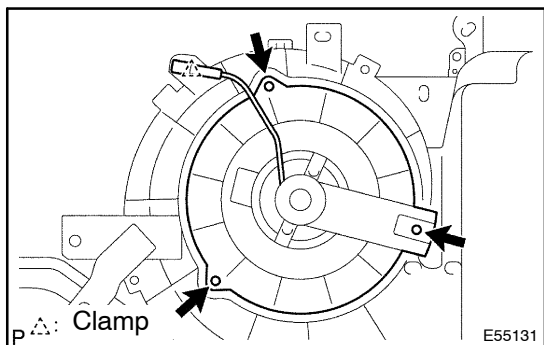
- Remove the 3 bolts and cooling (rear) unit assy.



17. REMOVE BLOWER (REAR) RESISTOR

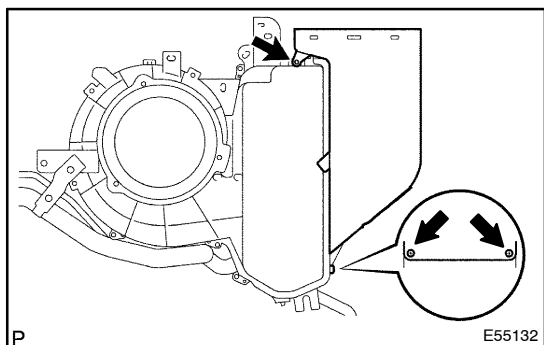
- Remove the 2 screws and blower (rear) resistor.

18. REMOVE COOLER UNIT DRAIN HOSE NO.2



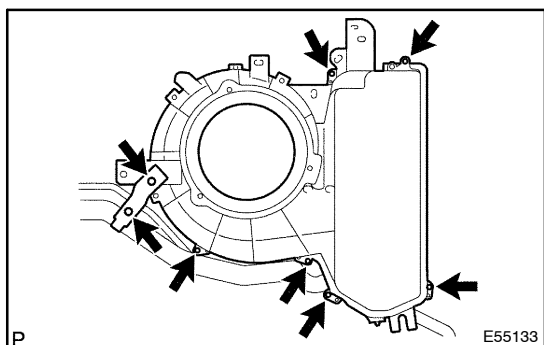
19. REMOVE COOLER BLOWER MOTOR SUB-ASSY NO.1

- (a) Remove the 3 screws, clamp and cooler blower motor sub-assy.



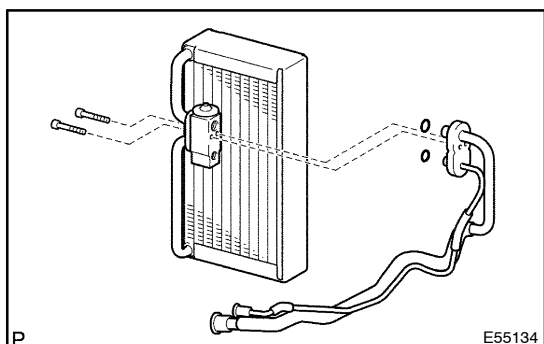
20. REMOVE COOLER AIR DUCT NO.1

- (a) Remove the 3 screws and cooler air duct No. 1.

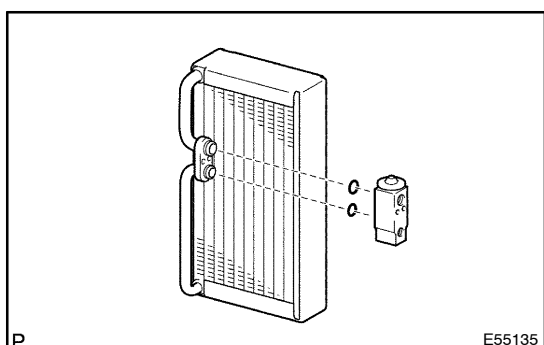


21. REMOVE AIR CONDITIONING TUBE ASSY

- (a) Remove the 2 screws and bracket.
- (b) Remove the 6 screws and evaporator RR assy from the cooling (rear) unit assy.

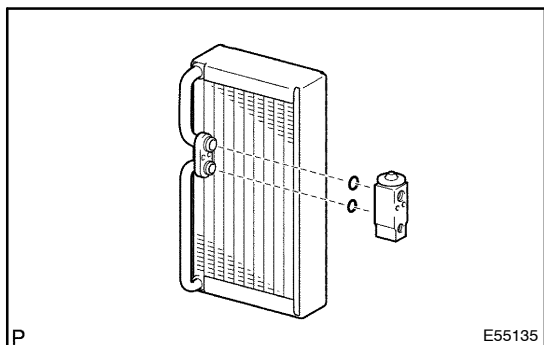


- (c) Using a hexagon wrench 4 mm (0.16 in.), remove the 2 hexagon bolts and air conditioning tube assy.
- (d) Remove the 2 O-rings from the air conditioning tube assy.



22. REMOVE REAR COOLING UNIT EXPANSION VALVE

- (a) Remove the rear cooling unit expansion valve from the evaporator RR assy.
- (b) Remove the 2 O-rings from the evaporator RR assy.

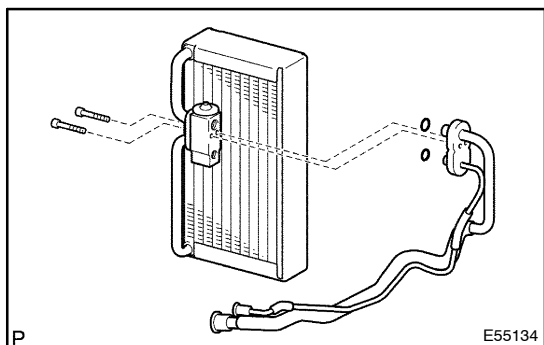


23. INSTALL REAR COOLING UNIT EXPANSION VALVE

- (a) Apply compressor oil to the contact surfaces of 2 new O-rings and the rear cooling unit expansion valve and install them.

Compressor oil: ND-OIL 8 or equivalent

- (b) Install the rear cooling unit expansion valve to the evaporator RR Assy.



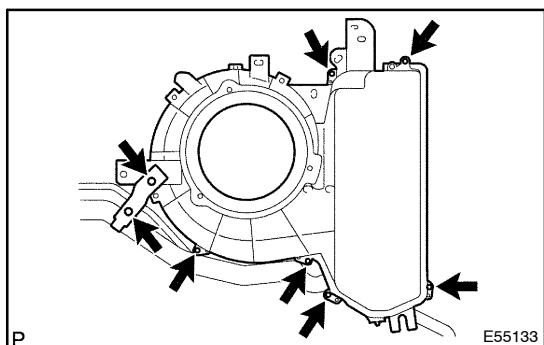
24. INSTALL AIR CONDITIONING TUBE ASSY

- (a) Apply compressor oil to the contact surfaces of 2 new O-rings and the air conditioning tube Assy and install them.

Compressor oil: ND-OIL 8 or equivalent

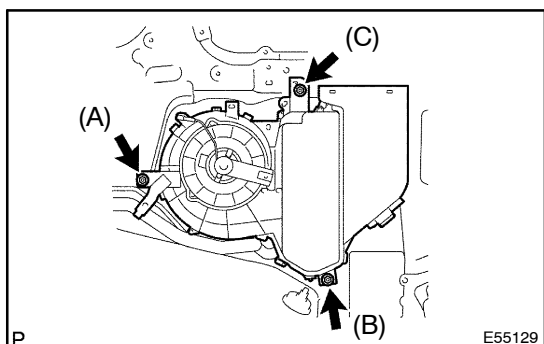
- (b) Using a hexagon wrench 4 mm (0.16 in.), install the air conditioning tube Assy and 2 hexagon bolts to the evaporator RR Assy.

Torque: 5.3 N·m (54 kgf·cm, 46 in.·lbf)



- (c) Install the evaporator RR Assy and 6 screws to the cooling (rear) unit Assy.

- (d) Install the bracket with the 2 screws.

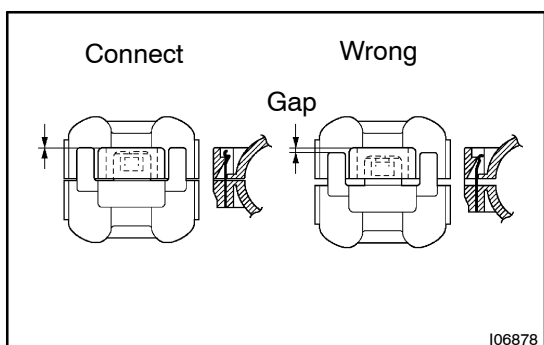


25. INSTALL COOLING (REAR) UNIT ASSY

- (a) Install the cooling (rear) unit Assy with the 3 bolts.

HINT:

Tighten in the order of A, B, C.



26. INSTALL PIPE COOLER REFRIGERANT SUCTION B

- (a) Lubricate new O-ring with compressor oil and install them to the hose.

Compressor oil: ND-OIL 8 or equivalent

- (b) Install the pipe cooler refrigerant suction B and piping clamp.

HINT:

After connection, check the fitting for claw of the piping clamp.

27. INSTALL A PIPE COOLER REFRIGERANT LIQUID**HINT:**

Install A pipe cooler refrigerant liquid in the same way as the pipe cooler refrigerant suction B.

28. INSTALL REAR NO.2 SEAT ASSEMBLY RH (50/50 SPLIT SEAT TYPE)

Torque: 39 N·m (398 kgf·cm, 30 ft·lbf)

29. INSTALL REAR NO.2 SEAT BELT ASSY INNER RH

Torque: 44 N·m (440 kgf·cm, 32 ft·lbf)

30. INSTALL REAR NO.2 SEAT BELT ASSY INNER LH

Torque: 44 N·m (440 kgf·cm, 32 ft·lbf)

31. CHARGE REFRIGERANT (See page 55-28)

SST 07110-58060 (07117-58060, 07117-58070, 07117-58080, 07117-58090, 07117-78050,
07117-88060, 07117-88070, 07117-88080)

Specified amount: 800 ± 30 g (28.21 ± 1.05 oz.)

32. WARM UP ENGINE**33. INSPECT LEAKAGE OF REFRIGERANT (See page 55-28)**